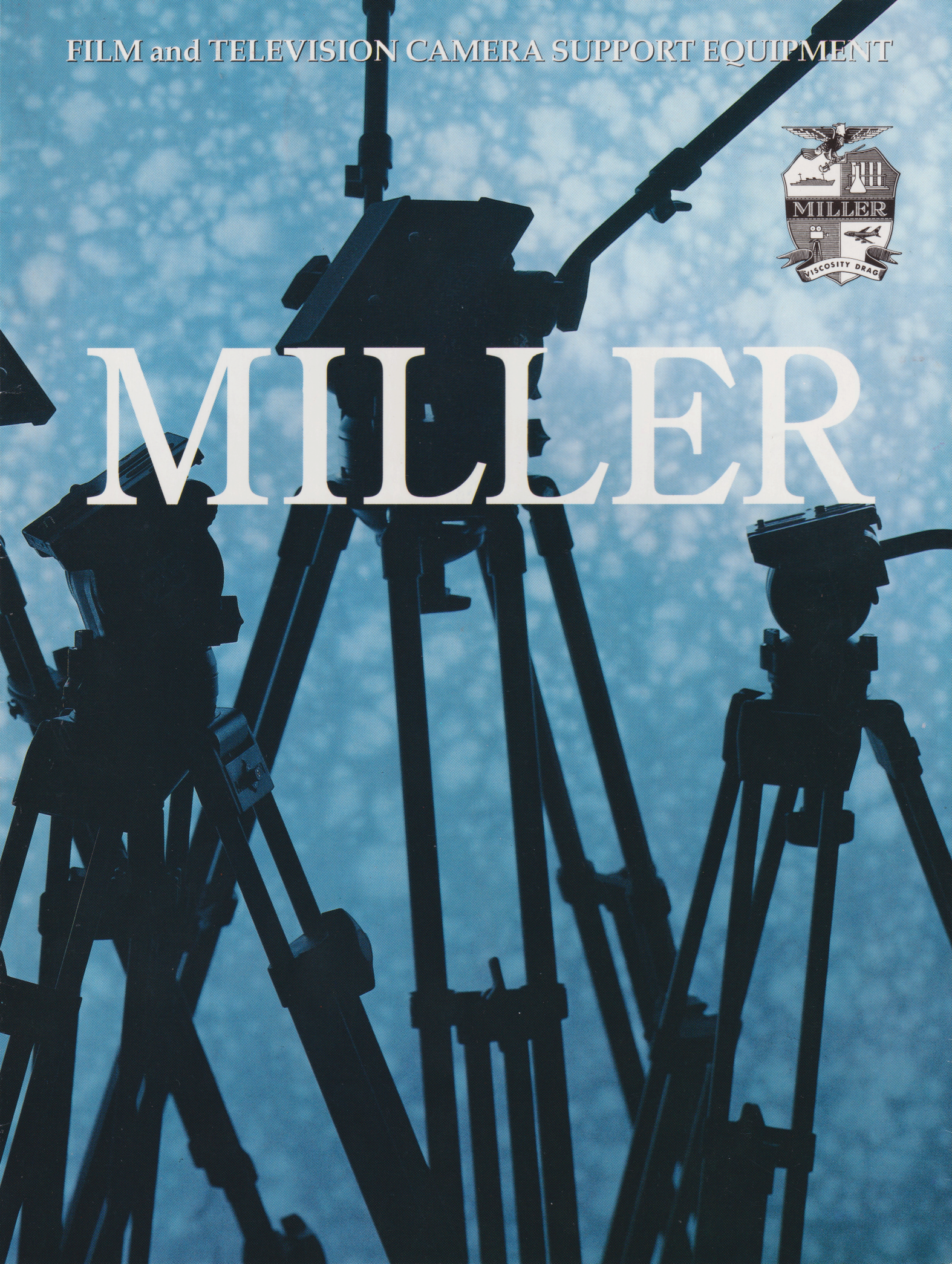
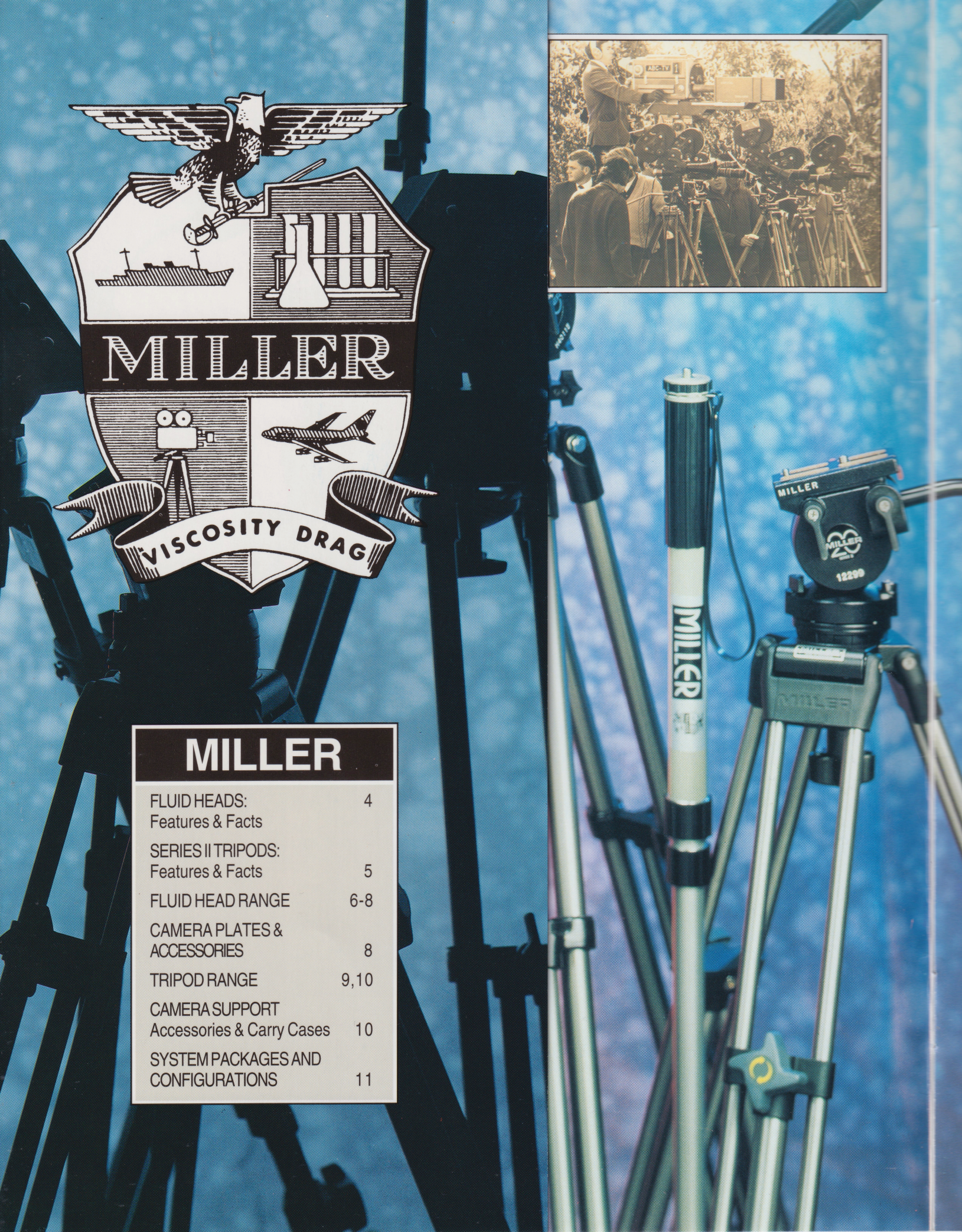
FILM and TELEVISION CAMERA SUPPORT EQUIPMENT



MILLER



MILLER

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MILLER – Designed for the world's most challenging conditions

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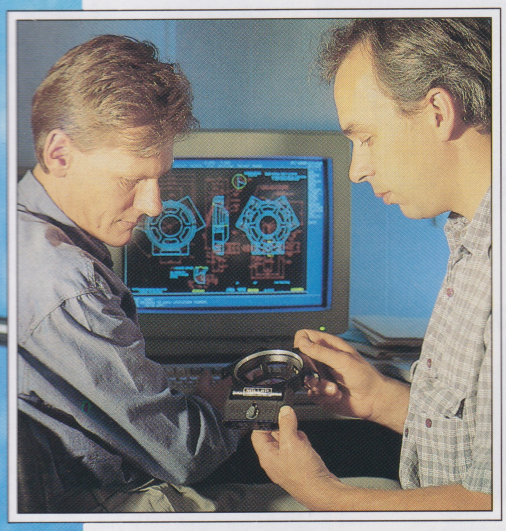
MILLER



ENGINEERING DEVELOPMENT

A strong commitment to engineering and product development has earned Miller Fluid Heads a reputation as leaders and innovators in the design and manufacture of the world's finest ENG/EFP camera support equipment. Miller's engineering commitment never strays from the objective of developing new products and enhancing existing systems to meet the most demanding field applications.

As the developer of the first fluid head drag system (patented in 1948) and, more recently, the Pro-Lok torque-limited leg clamping system, Miller engineers continue to improve the design and features of fluid heads and tripods, constantly sourcing new materials and employing the latest production techniques.

The very latest CAD software allows Miller engineers to remain at the forefront of research and development, and assists with the continual refinement of our manufacturing process.

SPECIALISTS IN ENG AND EFP SUPPORT

The world's leading ENG and EFP operators spend most of their working lives on location rather than tied up in the studio. They prefer the challenge of field production and it's what they do best. It's the same with Miller.

Miller Fluid Heads earned its reputation in the demanding field of 16mm film location production in the 1950's with the introduction of the world's first fluid head system. This was the 'Viscosity Drag' system, the first to replace the bulky gear-driven assemblies and heavy gyroscopic pan-and-tilt heads that were previously employed to provide panning/tilting movements.

The 'Viscosity Drag' principle formed the basis of Miller's legendary 'F', 'LP' and 'VG-50' pan and tilt heads. Over the last five decades Miller engineers have continually refined and adapted their fluid head designs to meet the changing needs of field acquisition. From the introduction of the first video ENG tube cameras in the late '70's, through the evolution of CCD cameras, dockable systems and now lightweight camcorders, Miller has developed support products to perfectly match the weight, quality and durability of new ENG/EFP cameras.

PRODUCT RANGE

Miller's product range includes a complete selection of fluid pan and tilt heads, carbon fibre and precision alloy tripods, tripod spreaders, special application mounts, pan handles, camera plates, hi-hats, adaptors, monopods, lightweight and medium duty dollies, as well as a full range of tripod carrying cases.

HAND-CRAFTED EXCELLENCE

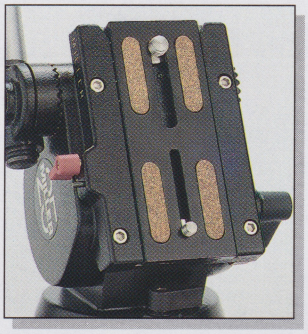
Miller's success in producing the world's most innovative camera support products is based on a simple, successful formula: to utilise the latest technology and materials; to push the limits of creative excellence; and to ensure that every product reflects the expertise and pride that comes from hand-crafted precision engineering.

A stringent quality control ensures every component in a Miller fluid head or tripod is inspected and tested at each stage of manufacture. A comprehensive technical and operational bench test on completed systems ensures all sealed components are leakproof, that movements are smooth and consistent and that the overall finish of our products meets the highest customer standards.

Fluid Heads: Features & Facts

The smoothest pan and tilt action in the field from the company who invented fluid drag.

FOR OVER 40 YEARS, Miller Fluid Heads have been manufacturing the world's smoothest and most reliable fluid pan and tilt heads for use with ENG, EFP, film and small studio cameras. The current range combines new materials and new anti-corrosive coating process with the latest CNC and CAD engineering to produce the quality, durability and dependability that has become the Miller trademark.



QUICK RELEASE CAMERA PLATFORMS

Every Miller Fluid Head is fitted with a precision, quick release camera platform that incorporates a sliding balance plate for fine tune payload balancing.

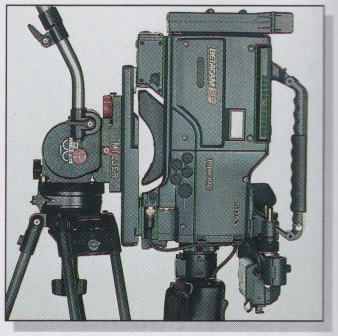
The self-engaging action of Miller camera plates ensures rapid camera attachment in the field, while the inbuilt safety lock guarantees camera safety during set-up and pull-down.

MULTI-STEP PAN AND TILT FLUID DRAG SYSTEM

Miller were first in the world to patent (1948) and integrate the "fluid drag" frictionless pan and tilt system into tripod design.

Today Miller's fluid drag systems are still considered the benchmark by which others are judged. Miller's latest multi-step fluid drag system ensures smooth, consistent fluid drag control - across all temperature ranges - and through a wide range of light and heavy settings: something which continuous drag systems cannot duplicate.

By being independent of payload weight, the multi-step system ensures smooth "starts" and dead "stops" for precise framing without any backlash. The system is fully sealed within sub-assemblies for a leakproof, low maintenance life.



STATIC AND DYNAMIC COUNTERBALANCING

Miller have designed specialised silicon counterbalancing systems to neutralise the effect of payloads and their centres of gravity.

The Static Counterbalance system built into the Miller 20 and 25 fluid heads provides a wide spectrum counterbalance that combines with the sliding camera platform to optimise tilt control.

A dynamic counterbalance on the Miller 30 and 50 systems provides greater counterbalance versatility to cater for a wide range of camera, lens and other offset payloads.

The largest of our fluid heads, the Miller 80 incorporates a dual dynamic counterbalance for tilt optimisation of between 15kg and 30kg payloads.

Series II Tripods: Features & Facts

Lightweight alloy and carbon fibre tripods – for every application – and any terrain

Miller's comprehensive ENG tripod range has undergone continual development over the company's long history. As new materials and new design techniques are implemented, so, Miller tripods become lighter, achieve greater torsional rigidity and include innovative features that set new benchmarks for camera support systems.

ULTRA-LIGHT CARBON FIBRE RANGE

Miller's Ultra-Light carbon fibre tubing optimises strength and torsional rigidity in tripod design - in fact, it is 25% lighter than metal-based systems, stronger and more durable. Unlike first generation carbon fibre, Miller's carbon fibre tubing is manufactured by a 'pull-trusion' method, which draws three offest layers of fine woven carbon fibre through a high temperature resin bath. The result: optimum strength across all axes, and the ultimate in shock, scratch and corrosion resistance.

PRO-LOK —TORQUE LIMITED LEG CLAMPS

No more overtightening - no more adjusting. Pro-Lok, Miller's new single-turn torque limited leg clamp is the fastest and safest means of clamping tripod legs in position. Self-adjusting Pro-Lok eliminates overtightening and keeps leg clamping pressure constant under all extremes - for the life of the tripod.

CONSTRUCTION, STRENGTH AND QUALITY

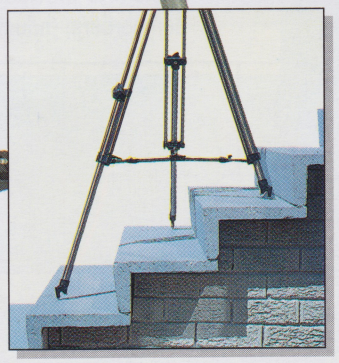
All Miller tripods are constructed using the most advanced alloys and polymers. They also benefit from a hand-crafted finishing process and stringent quality control. Specially milled, cold drawn alloy and cross-laminated carbon fibre tubing, thermoplastic mouldings, and stainless steel fixings combine to create lightweight, corrosion-resistant tripods which are highly stable under load.

TRIPOD BOWL & BALL AND SOCKET HIP JOINT

Miller's new reinforced ball and socket hip joints and strengthened tripod bowl combine in an axial design to produce tripods that boast the highest level of torsional rigidity – and no backlash - at all heights, and across any terrain.

POSITIVE GRIP RUBBER FEET

Miller's new rubber feet are designed for use on all Series II tripods with above ground spreaders. The increased pad diameter, suction rubber moulding and low centre of gravity at the tripod attachment point all ensure optimum stability on a wide range of surfaces.



ABOVE GROUND SPREADER

All Series II ENG tripods are also available with above ground spreaders, which provide maximum stability when mounting tripods on uneven surfaces.

Miller 20 Series II Fluid Head

#105

Payload: 10kg (22lb)
Weight: 2.1kg (4.6lb)

For lightweight ENG and industrial CCD cameras

- **Dynamic fluid drag control**
- **Static counterbalance system**
- **Quick release camera platform with integrated sliding balance plate**
- **Robust, diecast alloy body**

The **Miller 20 Series II Fluid Head** brings 'big head' performance and professional features like dynamic fluid drag control and an integrated static counterbalancing system to the demanding world of industrial, educational and corporate video production.

Ideal for use with today's lightweight, portable CCD cameras, the Miller 20 is built from high-strength die-cast alloy and boasts a sliding balance plate, independent pan and tilt locks, precision spirit level, and integral 75mm ball levelling (optional flat base available).

Miller 25 Fluid Head

Payload: 12.5kg (25lb)
Weight: 3.2kg (7lb)

Bridging the price/performance gap between broadcast ENG and corporate/industrial EFP

- **100mm ball level fluid head system**
- **Multi-step pan and tilt fluid drag system**
- **Static counterbalance system**
- **Robust, lightweight, low profile design**
- **Quick release camera platform**

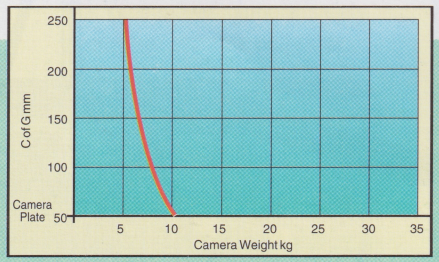
Introducing the **Miller 25 Fluid Head**, a true 100mm ball level fluid head that, combined with carbon fibre tripods, becomes the lightest ENG support system available for broadcast camcorders. Equally the Miller 25 integrates perfectly with a standard tripod and dolly to be the ideal system for corporate/industrial cameras in a studio configuration.

#145

Like its big brothers, the Miller 25 features a multi-step fluid drag system and integrated counterbalance system to provide ultra-smooth, repeatable pan-and-tilt fluid control and finger-tip camera balance for ENG camcorders, industrial CCD cameras or small studio cameras under 12.5kg.

#105 MILLER 20 SERIES II

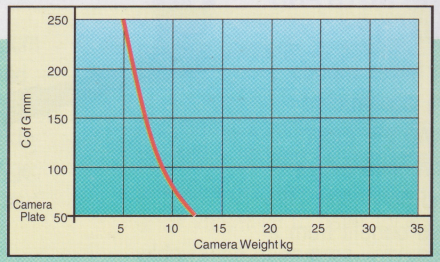
Included in the Miller System 20 packages.



Payload: 10kg (22lb)
Weight: 2.1kg (4.6lb)
Tilt: +/- 90°
Pan: 360°
Tilt/Pan Drag: Continuously variable
Tilt/Pan Locks: Independent positive disc type
Counterbalancing: Static system 10kg (22lb); 50mm (2") C. of G. height
Base: 75mm ball level/flat base optional
Handle: Left and right hand positions, vertically and horizontally adjustable
Camera Mounting: Quick release system plus sliding balance adjustment
Temperature Range: -40°C to +65°C (-40°F to +140°F)

#145 MILLER 25 FLUID HEAD

Included in the System 25 packages.



Payload: 12.5kg (25lb)
Weight: 3.2kg (7lb)
Tilt: +90°, -75°
Pan: 360°
Tilt/Pan Drag: 3 Pre-set positions plus "free wheeling" position
Tilt/Pan Locks: Independent positive disc type
Counterbalancing: Static system 12.5kg (25lb) @ 50mm; 2" C. of G. height
Base: 100mm ball level/flat base optional
Handle: Left and right hand positions, vertically and horizontally adjustable
Camera Platforms: Quick release system, integrated sliding balance adjustment
Temperature Range: -40°C to +65°C (-40°F to +140°F)

Miller 30 Series II Fluid Head

Payload: 15kg (30lb)
Weight: 3.6kg (8lb)

When the going gets tough, the professional's choice for ENG camcorders and dockable ENG systems

- **Multi-step pan and tilt fluid drag system**
- **Dynamic 3-position counterbalance for offset payloads**
- **Quick release camera platform with integrated sliding camera balance plate**

The **Miller 30 Series II** Fluid Head has become the 'head of choice' for the world's leading ENG operators using the latest CCD camcorders or dockable cameras. The low-profile, lightweight Miller 30 is purpose-built to handle the most extreme physical and climatic conditions found in location news gathering.

The advanced, multi-step fluid drag system guarantees consistently smooth pan and tilt action and ensures inertia-free starts and stops, while positive pan and tilt locks allow for precise, repeatable framing. Like the complete Miller fluid head range, the Miller 30 incorporates a wide range of automatic and user-activated features including: fully variable counterbalancing, dual handle carriers, precision bubble level and integrated 100mm ball levelling.

Miller 50 Series II Fluid Head

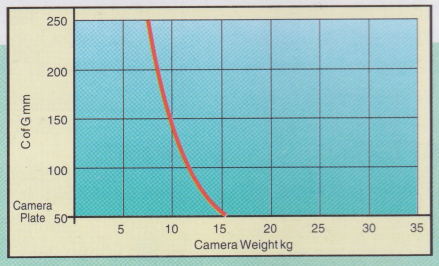
Payload: 25kg (50lb)
Weight: 3.6kg (8lb)

Lightweight design, counterbalanced for heavier ENG configurations including 'brick' batteries or lightweight EFP configurations.

- **Heavy duty dynamic counterbalance system**
- **Multi-step pan and tilt fluid drag system**
- **Independent positive disc pan and tilt locks**

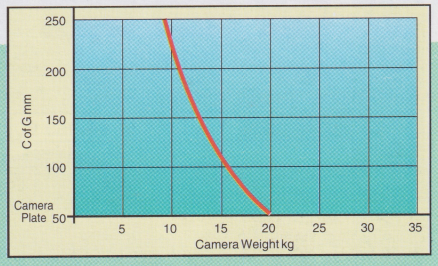
The **Miller 50 Series II** Fluid Head is based on the same design parameters as the industry-standard Miller 30, but incorporates a heavy duty dynamic counterbalancing system to handle larger cameras or offset payloads. This makes the 50 ideally suited to small studio or EFP use where heavy offset components such as larger lens, small teleprompters and top-mount viewfinders are in regular use. Equally, the Miller 50 is designed to support a wide range of ENG camera configurations. Like the Miller 30, the Miller 50 fluid head also features a precision bubble level, integrated 100mm ball levelling, positive pan/tilt locks and dual handle carriers.

#155 MILLER 30 SERIES II
Included in the System 30 packages.



Payload: 15kg (30lb)
Weight: 3.6kg (8lb)
Tilt: +90° – 75°
Pan: 360°
Tilt/Pan Drag: 3 Pre-set positions plus "free wheeling" position
Tilt/Pan Locks: Independent positive disc type
Counterbalancing: Fully variable, see graph
Base: Built-in 100mm claw-ball/flat base optional
Handle: Left and right hand positions, vertically and horizontally adjustable
Camera Platforms: Built-in quick release, 60mm sliding plate
Temperature Range: -40°C to +65°C (-40°F to +140°F)

#160 MILLER 50 SERIES II
Included in the System 40 packages.



Payload: 25kg (50lb)
Weight: 3.6kg (8lb)
Tilt: +90° – 75°
Pan: 360°
Tilt/Pan Drag: 3 Pre-set positions plus "free wheeling" position
Tilt/Pan Locks: Independent positive disc type
Counterbalancing: Fully variable, see graph
Base: Built-in 100mm claw-ball/flat base optional
Handle: Left and right hand positions, vertically and horizontally adjustable
Camera Platforms: Built-in quick release, 60mm sliding plate
Temperature Range: -40°C to +65°C (-40°F to +140°F)

Miller 80 Fluid Head

#150

Payload: 30kg (66lb)
Weight: 6kg (13lb)

For OB, EFP and lightweight studio cameras supporting a telephoto lens or teleprompter and top-mount viewfinder

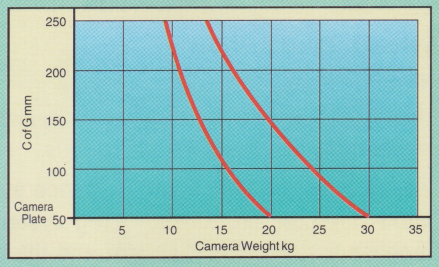
- **Dual dynamic counterbalancing for 15kg to 30kg payloads**
- **4-position tilt fluid drag control**
- **3-position plus 'free-wheeling' fluid pan drag**
- **Choice of 150mm ball level or flat base tripod mount**
- **+/- 50mm sliding camera platform with quick release**

Top-weight in the Miller range, the **Miller 80** fluid head utilises a dual dynamic counterbalance system and multi-step fluid drag system to deliver smooth, fluid head control to heavy camera configurations up to 30kg (66lb). This makes the Miller 80 ideal for demanding EFP and outside broadcast situations where lightweight cameras are fitted with large zoom lens and top-mount viewfinders. The Miller 80 fluid head is also the ideal choice for small production studios, where lightweight cameras are configured for larger offset payloads such as teleprompters.

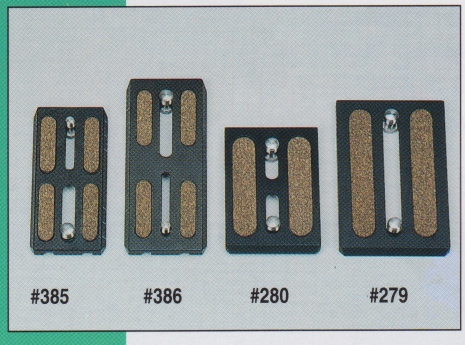
#150 Miller 80 Series II

Included in the Miller System 80 package.

Payload: 30kg (66lb)
Weight: 6kg (13lb)
Tilt: +/- 60°
Pan: 360°
Tilt/Pan Drag: Pre-set damping, full fluid system
Tilt/Pan Locks: Built-in disc locks
Counterbalancing: Dual system, see graph
Base: Built-in 150mm claw-ball level
Handle: Left and right hand positions, vertically and horizontally adjustable
Camera Mounting: +/- 50mm sliding camera platform, with quick release
Temperature Range: -40°C to +65°C (-40°F to +140°F)



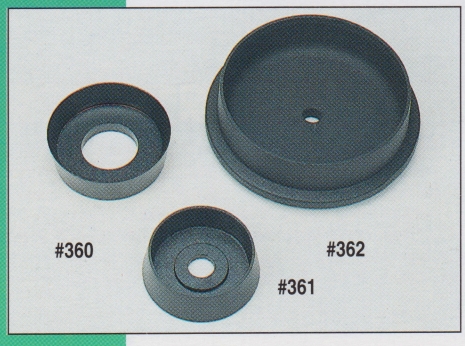
Camera Plates & Accessories



QUICK RELEASE CAMERA PLATES

Safety and security for all camera payloads.

#385 suits Miller 20 Fluid Head
#386 suits Miller 25 Fluid Head
#280 suits Miller 30/50 Fluid Heads
#279 suits Miller 80 Fluid Head



FLAT BASE ADAPTORS

Miller's flat base adaptors convert all fluid heads to flat base operation.

#361 – 75mm Flatbase to suit Miller 20 fluid head.
#360 – 100mm Flatbase to suit Miller 25, 30 and 50 fluid head.
#362 – 150mm Flatbase to suit Miller 80 fluid heads.

HI-HATS

Miller's versatile fixed mount Hi-Hats provide a stable base for 75mm, 100mm and 150mm ball fluid heads.

#254 – 75mm Tripod Bowl
#253 – 100mm Tripod Bowl
#255 – 150mm Tripod Bowl

Miller's Series II ENG and EFP Tripods

SERIES II ULTRA-LIGHT CARBON FIBRE RANGE

25% lighter than metal-based systems, Miller's Ultra-Light carbon fibre range features the new Pro-Lok self-adjusting leg clamps.

- **Pro-Lok torque-limited leg clamps**
- **Pull-trusion carbon fibre technology**
- **Re-inforced leg-to-bowl hinge joint**

Optimum torsional rigidity, rapid set-up, durability and minimum weight – that was the challenge for Miller engineers and that's exactly what the new Series II ultra-light carbon fibre tripods deliver. By combining four decades of design expertise with advanced 'pull-trusion' carbon fibre technology, Miller have created the ultimate in compact, lightweight support systems for news gathering and documentary field production.

2-Stage tripod shown with #512 Above Ground Spreader and #550 Rubber Feet. Single Stage tripod shown with #410 Ground Spreader. Lightweight tripod shown with #510 Above Ground Spreader and #550 Rubber Feet.

2-Stage #653/645 Single Stage #626 Lightweight #606/616

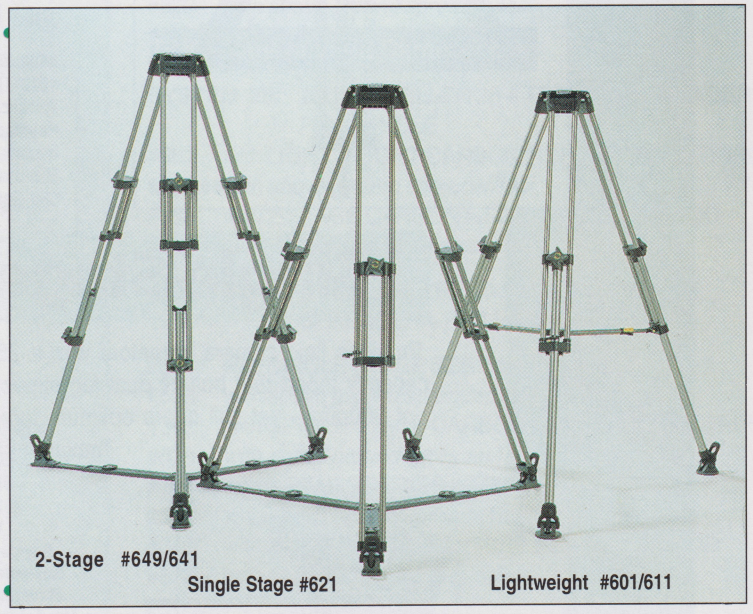
SERIES II PRECISION ALLOY RANGE

Miller's hard-anodised alloy tripods deliver maximum torsional rigidity and years of maintenance-free operation

- **Pro-Lok torque-limited leg clamps**
- **Heavy duty carry strap (Optional)**
- **Three models to choose from**

The world-renowned Miller range of alloy ENG/EFP tripods are now stronger, lighter and easier to set up. Specially milled, hard-anodised alloy, die-casting, thermoplastic mouldings and the new Pro-Lok leg clamps, make Series II alloy tripods the ultimate price/performers for all field applications.

2-Stage and Single Stage tripods shown with #410 Ground Spreader. Lightweight tripod shown with #510 Above Ground Spreader and #550 Rubber Feet.



2-Stage #649/641 Single Stage #621 Lightweight #601/611

LIGHTWEIGHT SERIES II TRIPODS

Weighing only 2kg in carbon fibre, (2.5kg in alloy) and boasting a 15kg payload, Miller's lightest ENG tripod is ideal for lightweight CCD cameras and camcorders. Collapsing to only 830mm, the Lightweight is extremely compact and operates with a ground spreader or above ground spreader.

LIGHTWEIGHT SERIES II CARBON FIBRE
#606 75mm Tripod Bowl
#616 100mm Tripod Bowl
Weight: 2kg (4.4lb) **Payload capacity:** 15kg (30lb)
Max. Height: 1325mm (52") **Min. Height:** 620mm (24")
Minimum Folded Length: 830mm (32")
System 20 and 25 packages

LIGHTWEIGHT SERIES II ALLOY
#601 75mm Tripod Bowl
#611 100mm Tripod Bowl
Weight: 2.5kg (5.5lb) **Payload capacity:** 15kg (30lb)
Max. Height: 1325mm (52") **Min. Height:** 620mm (24")
Minimum Folded Length: 830mm (32")
System 20 and 25 packages

SINGLE STAGE SERIES II TRIPODS

With a dual lower leg system, the Miller Single Stage provides a rock solid camera base at all operating heights for cameras up to 25kg. A new, reinforced ball and socket hip joint and sturdy alloy or carbon fibre tubing eliminate play and backlash to allow for the smoothest telephoto shots possible.

SINGLE STAGE SERIES II CARBON FIBRE
#626 100mm Tripod Bowl
Weight: 2.1kg (4.6lb) **Payload capacity:** 25kg (50lb)
Max. Height: 1450mm (59") **Min. Height:** 630mm (26")
Minimum Folded Length: 835mm (35")
System 30 and 40 packages

SINGLE STAGE SERIES II ALLOY
#621 100mm Tripod Bowl
Weight: 2.7kg (6lb) **Payload capacity:** 25kg (50lb)
Max. Height: 1450mm (59") **Min. Height:** 630mm (26")
Minimum Folded Length: 835mm (35")
System 30 and 40 packages

2-STAGE SERIES II TRIPODS

Miller's new 2-Stage tripod offers the ultimate in torsional rigidity for all field operations. Weighing only 2.4kg in ultra-light CF (3kg alloy), the 2-Stage's axial design ensures equal stability to regular tripods. With a 390 – 1560mm operating range, any job can be tackled with a single tripod.

2-STAGE SERIES II CARBON FIBRE
#653 75mm Tripod Bowl
#645 100mm Tripod Bowl
Weight: 2.4kg (5.3lb) **Payload capacity:** 25kg (50lb)
Max. Height: 1560mm (61") **Min. Height:** 390mm (15")
Minimum Folded Length: 690mm (27")
System 20, 25, 30 and 40 packages

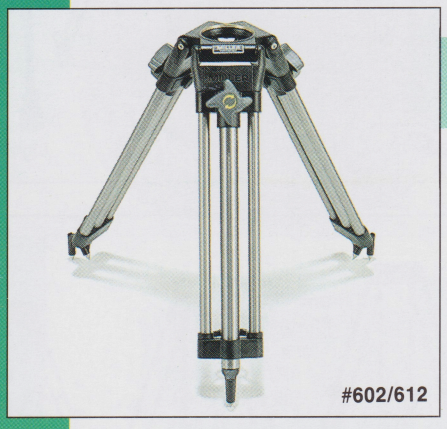
2-STAGE SERIES II ALLOY
#649 75mm Tripod Bowl
#641 100mm Tripod Bowl
Weight: 3kg (6.6lb) **Payload capacity:** 25kg (50lb)
Max. Height: 1560mm (61") **Min. Height:** 390mm (15")
Minimum Folded Length: 690mm (27")
System 20, 25, 30 and 40 packages

Maxi Tripod

The heavy duty performer in the Miller tripod range, the Maxi tripod delivers the ultimate in rigid, stable support bases for EFP camera configurations weighing up to 45kg (100lb). Engineered from all alloy components, the Maxi's stability is further enhanced with the inclusion of an above ground spreader for mounting across uneven terrain.

#290 Maxi Tripod
Weight: 5.9kg (13lb)
Payload capacity: 45kg (100lb)
Maximum Height: 1545mm (61")
Minimum Height: 735mm (29")
Min. Folded Length: 940mm (37")
Tripod Bowl: 150mm

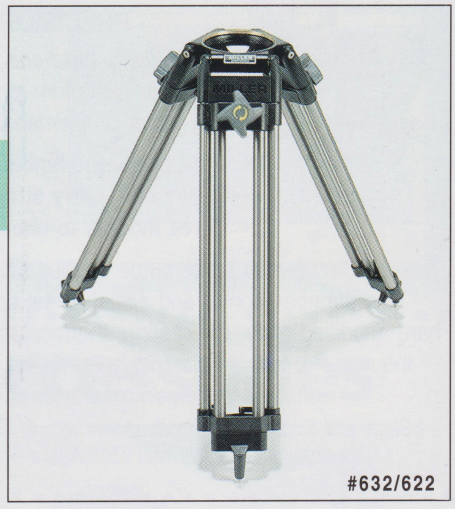
#291 Maxi Mini Tripod
Weight: 4.8kg (10.5lb)
Payload capacity: 45kg (100lb)
Maximum Height: 860mm (35")
Minimum Height: 300mm (12")
Min. Folded Length: 580mm (23")
Tripod Bowl: 150mm



Lightweight Mini Tripod

Miller's Lightweight Mini tripod gets your camera down to 300mm for those ground-hugging shots that depend on a rock-solid support base. Available with 75mm or 100mm tripod bowl.

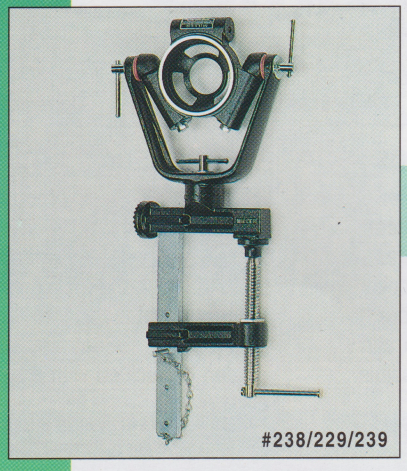
#602 75mm Tripod Bowl
#612 100mm Tripod Bowl
Weight: 1.8kg (4lb)
Payload capacity: 15kg (30lb)
Maximum Height: 670mm (26")
Minimum Height: 300mm (12")
Min Folded Length: 480mm (19")



Single-Stage Mini

Provides field camera opreators with a 25kg (50lb) payload capacity tripod that boasts dual leg support and a minimum of 300mm – yet still offers optimum torsional rigidity to its maximum height of 720mm.

#632 75mm Tripod Bowl
#622 100mm Tripod Bowl
Weight: 2.14kg (4.7lbs)
Payload capacity: 25kg (50lb)
Maximum Height: 830mm (33")
Minimum Height: 300mm (12")
Min Folded Length: 545mm (22")



Millmount

Millmount is Miller's highly versatile special application clamp, designed to mount cameras in difficult locations where tripods are impractical. The robust Millmount clamp is ideal for all surfaces.

#238 with 75mm Tripod Bowl
#229 with 100mm Tripod Bowl
#239 with 150mm Tripod Bowl
Weight: 3kg (6.6lb)
Payload capacity: 15kg (30lb)

Monopod

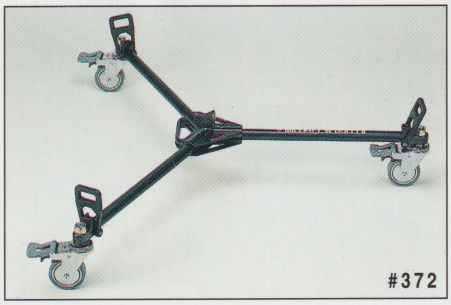
Miller's four stage monopod with precision alloy tubing and sturdy, swivel foot.

Weight: 0.6kg (1.3lb) Min Length: 500mm (20")
Payload capacity: 15kg (30lb) Max Length: 1550mm (61")

Tripod Accessories

LIGHTWEIGHT DOLLY

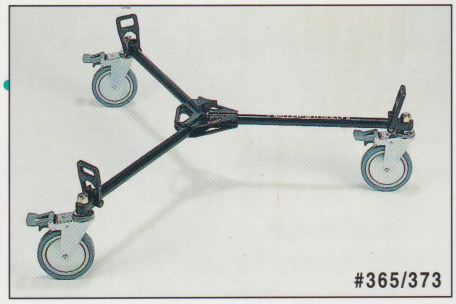
The Lightweight Dolly is designed to accommodate lightweight industrial CCD cameras in studio configurations



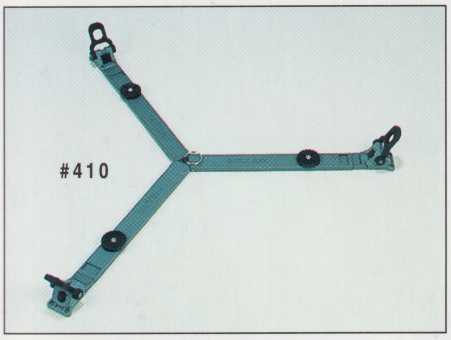
Capacity: 25kg (50lb)
Weight: 3.2kg (7lb)
Length Folded: 630mm (25")
Diameter open: 540mm (33")
Wheel Diameter: 75mm (3") rubber

MEDIUM DUTY DOLLY

Designed to handle payloads up to 45kg (100lb), Miller's Medium Duty Dolly is specifically designed to adapt Single, 2-Stage and Maxi tripods for studio operation.



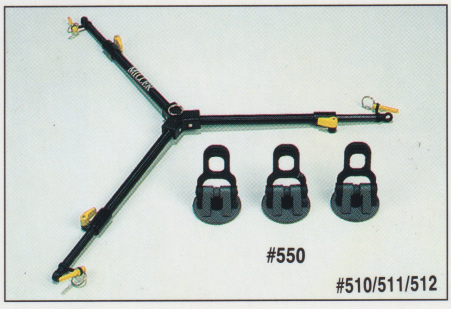
#365 to suit Maxi tripod
#373 to suit Lightweight, Single Stage , 2-Stage
Capacity: 45kg (100lb)
Weight: 4.2kg (9.5lb)
Length Folded: 640mm (26")
Diameter open: 540mm (33")
Wheel Diameter: 125mm (5") rubber



LIGHTWEIGHT GROUND SPREADER

The telescopic, Lightweight Ground Spreader ensures quick, stable set-ups for Lightweight, Single Stage and 2-Stage tripods.

#410 Lightweight Ground Spreader
to suit Lightweight, Single Stage, 2-Stage tripods
Weight: .6kg (1.4lb)
Length Folded: 420mm (16")
Length Extended: 615mm (24")



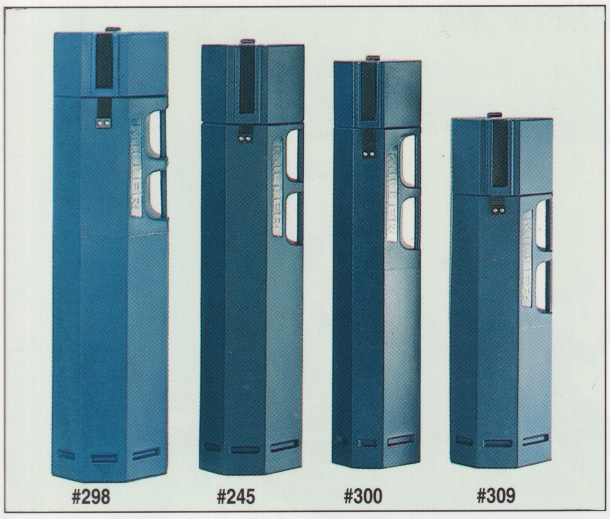
#510 to suit Lightweight tripods
#511 to suit Single Stage tripods
#512 to suit 2-Stage tripods
Weight: .4kg (.9lb)
Length Folded: 325mm (13")
Length Extended: 525mm (21")

ABOVE GROUND SPREADER AND RUBBER FEET

Designed for all Series II tripods, the Above Ground Spreader offers maximum versatility for tripod mounting. Miller's new Rubber Feet ensure optimum traction and stability.

#550 Rubber Feet
(set) to suit Lightweight, Single Stage and 2-Stage tripods

Tripod Carrying Cases



TRIPAK SOLID POLYETHYLENE CARRYING CASES

A revolutionary concept in tubular case design, Miller's Tripaks are strong, durable and weather resistant for carrying all tripod and fluid head systems. Inbuilt foam in Tripak's lid and case cushions equipment against shock while the octagonal shape prevents roll-around during transport.

#300 – *(Suits Lightweight)* **Weight: 4.7kg (10.3lb)**
Length: 1145-1320mm (42"-47")
Diameter: 180mm (7.5")

#245 – *(Suits Single Stage)* **Weight: 5.6kg (12.3lb)**
Length: 1200-1380mm (47"-54")
Diameter: 230mm (9")

#298 – *(Suits Maxi)* **Weight: 7kg (15.5lb)**
Length: 1230-1300mm (48"-52")
Diameter: 280mm (11")

#309 – *(Suits 2-Stage)* **Weight: 4.9kg (11lb)**
Length: 985-1150mm (42"-48")
Diameter: 230mm (9")

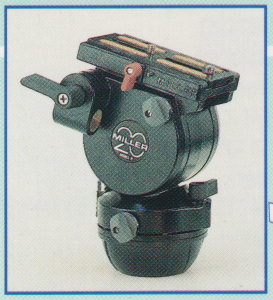
SOFTPAK DENIER NYLON TRIPOD/STAND BAGS

Miller's SoftPak carrying cases are made tough from KONDRA® 1000 denier nylon with polyurethane heat-sealed coating. Both water and stain resistant, SoftPak cases feature shock-proof, padded adjustable compartments and adjustable shoulder straps.

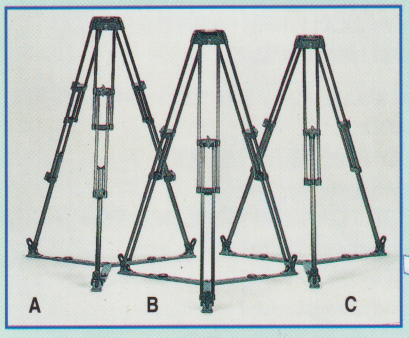
#294 – *(Suits Lightweight)* **Weight: 0.8kg (2lb)**	**Length: 1100mm (43")**	**Diameter: 200mm (8")**
#296 – *(Suits Single Stage)* **Weight: 1.3g (2.9lb)**	**Length: 1200mm (47")**	**Diameter: 230mm (9")**
#306 – *(Suits 2-Stage)* **Weight: 1.4kg (3lb)**	**Length: 900mm (35.5")**	**Diameter: 230mm (9")**

Systems

Capacity 10kg (22lb)

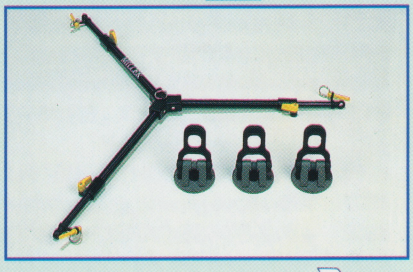


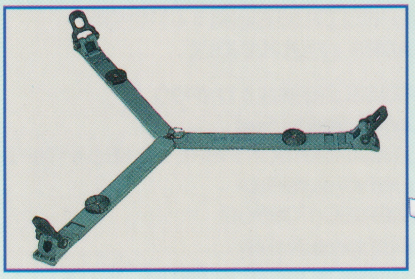
#105 Miller 20 Series II



Tripods
- **A.** #649/653 2-Stage
- **B.** #631/636 Single Stage
- **C.** #601/606 Lightweight

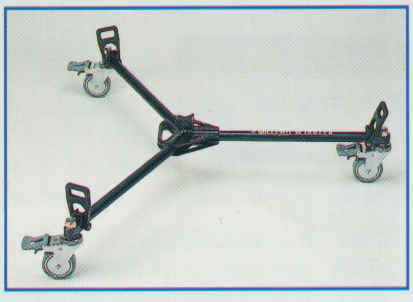
Above Ground Spreader
#510 to suit Lightweight
#511 to suit Single Stage
#512 to suit 2-Stage
Rubber Feet
#550

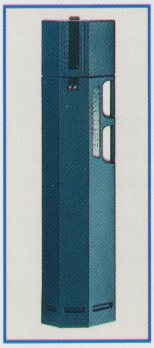




Lightweight Ground Spreader
#410

Lightweight Dolly
#372





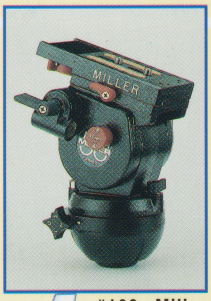
Tripak and Softpak Carrying Cases
Lightweight tripod: #300 Tripak #294 Softpak

Single Stage tripod:
#245 Tripak
#296 Softpak
2-Stage tripod:
#309 Tripak
#306 Softpak

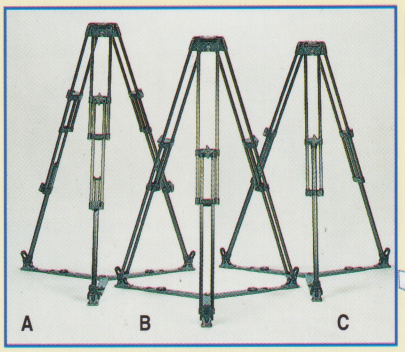
Capacity 12.5kg (25lb) | Capacity 15kg (30lb) | Capacity 25kg (50lb)

#145 Miller 25

#155 Miller 30 Series II

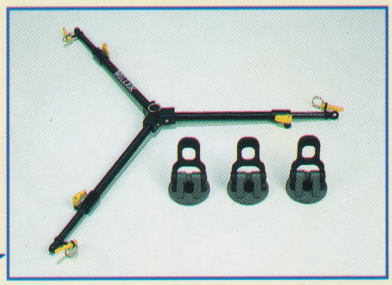


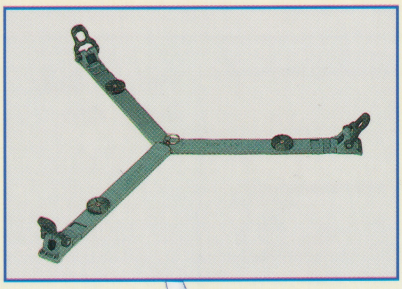
#160 Miller 50 Series II



Tripods
- **A.** #641/645 2-Stage
- **B.** #621/626 Single Stage
- **C.** #611/616 Lightweight

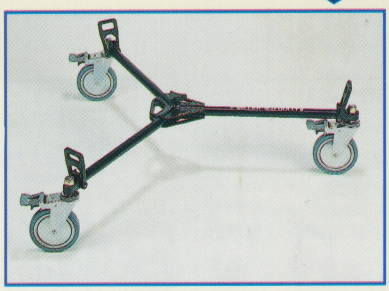
Above Ground Spreader
#510 to suit Lightweight
#511 to suit Single Stage
#512 to suit 2-Stage
Rubber Feet
#550

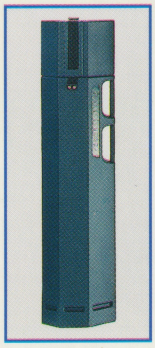




Lightweight Ground Spreader
#410

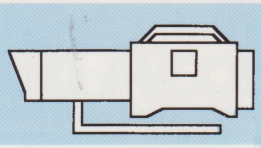
Medium Duty Dolly #373





Tripak and Softpak Carrying Cases
Lightweight tripod: #300 Tripak #294 Softpak

Single Stage tripod:
#245 Tripak
#296 Softpak
2-Stage tripod:
#309 Tripak
#306 Softpak



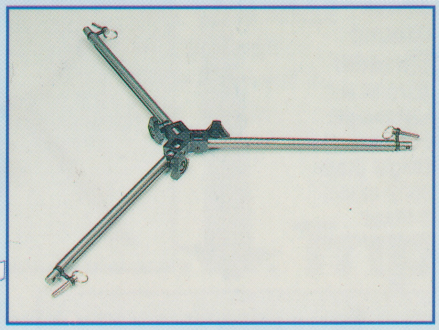
Capacity 30kg (66lb)

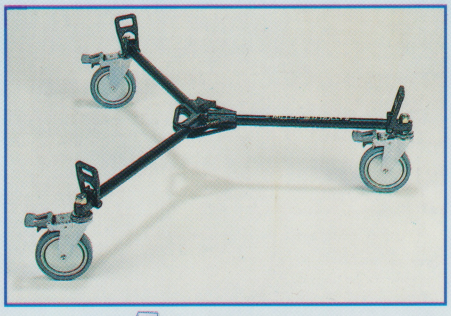
#150 Miller 80 Fluid Head

Maxi Tripods with Spreader #290/291

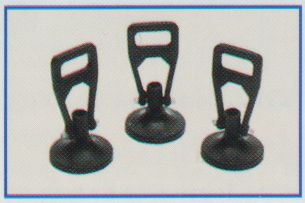
150mm Flat Base Adaptor #362

Above Ground Spreader #234



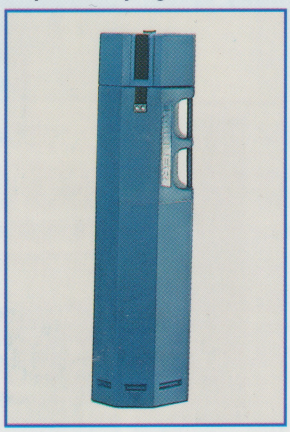


Medium Duty Dolly #365



Rubber Feet #375

Tripak Carrying Case #298



Miller System Packages

Hi8 and S-VHS Industrial Cameras

SYSTEM 20: Includes MILLER 20 Series II + TRIPOD + SPREADER + PAN HANDLE

#338 with LIGHTWEIGHT SERIES II TRIPOD
#520 *with above ground spreader/feet*
#340 with LIGHTWEIGHT CARBON FIBRE SERIES II TRIPOD
#521 *with above ground spreader/feet*
#339 with 2-STAGE SERIES II TRIPOD
#522 *with above ground spreader/feet*
#337 with 2-STAGE CARBON FIBRE SERIES II TRIPOD
#523 *with above ground spreader/feet*

SYSTEM 25: Includes MILLER 25 + TRIPOD + SPREADER + PAN HANDLE

#500 with LIGHTWEIGHT SERIES II TRIPOD
#526 *with above ground spreader/feet*
#501 with LIGHTWEIGHT CARBON FIBRE SERIES II TRIPOD
#527 *with above ground spreader/Feet*
#502 with 2-STAGE SERIES II TRIPOD
#528 *with above ground spreader/feet*
#503 with 2-STAGE CARBON FIBRE SERIES II TRIPOD
#529 *with above ground spreader/feet*

ENG Cameras and Camcorders

SYSTEM 25: Includes MILLER 25 + TRIPOD + SPREADER + PAN HANDLE

#501 with LIGHTWEIGHT CARBON FIBRE SERIES II TRIPOD
#527 *with above ground spreader/feet*
#503 with 2-STAGE CARBON FIBRE SERIES II TRIPOD
#529 *with above ground spreader/feet*

SYSTEM 30: Includes MILLER 30 Series II + TRIPOD + SPREADER + PAN HANDLE

#344 with SINGLE STAGE SERIES II TRIPOD
#535 *with above ground spreader/feet*
#343 with SINGLE STAGE CARBON FIBRE SERIES II TRIPOD
#536 *with above ground spreader/feet*
#345 with 2-STAGE SERIES II TRIPOD
#537 *with above ground spreader/feet*
#346 with 2-STAGE CARBON FIBRE SERIES II TRIPOD
#538 *with above ground spreader/feet*

EFP/OB/STUDIO

SYSTEM 40: Includes MILLER 50 Series II + TRIPOD + SPREADER + TELESCOPIC PAN HANDLE

#350 with SINGLE STAGE SERIES II TRIPOD/DUAL HANDLES
#542 with above ground spreader/feet

#349 with SINGLE STAGE CARBON FIBRE SERIES II TRIPOD
#543 *with above ground spreader/feet*
#353 with 2-STAGE SERIES II TRIPOD
#544 *with above ground spreader/feet*
#354 with 2-STAGE CARBON FIBRE SERIES II TRIPOD
#545 *with above ground spreader/feet*

Note: All systems containing Lightweight, Single Stage and 2-Stage tripods are supplied with ground spreaders unless ordered with above ground spreader or otherwise specified.

SYSTEM 80: Includes MILLER 80 + TRIPOD + SPREADER + RUBBER FEET + DUAL TELESCOPIC PAN HANDLES

#355 with MAXI TRIPOD
#548 with STUDIO MAXI TRIPOD/ DOLLY

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MILLER TRIPODS CANADA
1055 Granville Street,
Vancouver BC V6Z IL4
Canada
Tel: (604) 685 5331
Fax: (604) 685 5648

INTERNATIONAL SUPPORT NETWORK

Miller Fluid Heads have been exporting camera support equipment from Sydney, Australia, to customers around the world since 1957. The company currently exports to over 45 countries, with offices in Australia, Canada and the USA and a network of 45 agents and distributors serving all major international markets.

ALL MILLER PRODUCTS ARE FULLY GUARANTEED